

# SYSTEM AND METHOD FOR SWITCHING DIGITAL SUBSCRIBER LINE SERVICE

## ABSTRACT

A system and method for providing digital subscriber line service that uses a cross-connect switch to switch in new connections and switch out obsolete connections. The method comprises the steps of: providing digital subscriber line service for a first subscriber via a cross-connect switch connected  
5 to a digital subscriber line access multiplexer connected to a digital telecommunications network, the cross connect switch supplying a connection between data processing equipment of the first subscriber and the digital subscriber line access multiplexer, the cross-connect switch implemented between a central office and a subscriber location; receiving, at a network  
10 management system connected to the cross connect switch, an indication that the first subscriber has terminated service; in response to receiving the message at the network management system, transmitting a command to the cross connect switch to switch out the connection of the data processing equipment of first subscriber to the digital access multiplexer; and in response to receiving the  
15 command at the cross-connect switch, switching out the connection of the data processing equipment of first subscriber to the digital access multiplexer.